34148/B

59620

ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN
LANDSCAPE-GARDENING;

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. VII.

THE PLATES FROM BIGNONIA'CEÆ TO CORYLA'CEÆ.

LONDON:
PRINTED FOR THE AUTHOR;
AND SOLD BY
LONGMAN, ORME, BROWN, GREEN, AND LONGMANS;
THE PARTIALLY COLOURED AND COLOURED COPIES, BY
JAMES RIDGWAY AND SONS.
1838.

WELLCOME
HISTORICAL
MEDICAL
LIBRARY

CONTENTS.

LIST OF THE PORTRAITS OF TREES FORMING VOL. VII., SYSTEMATICALLY ARRANGED.

The names, scientific and English, of all the trees included in the plates forming Vols. V. VI. VII. and VIII., will be found systematically arranged in the General Contents in Vol. I., and alphabetically arranged at the end of Vol. VIII.
The number on the left hand merely shows the series; that on the right extremity of the column, in parenthesis, is the number printed on the plate; and the number preceding it refers to that page of the body of the work where the tree is treated of.

BIGNONIA'CEÆ.

Text in Vol. III.

215. *Catálpa syringæfòlia* p. 1261. (169.)
Bayswater. *H. Le Jeune.*

216. *C. s.*, full-grown tree - (170.)
Syon House. *G. R. Lewis.*

LAURA'CEÆ.

217. *Laúrus nóbilis* (the Sweet Bay) - p. 1297. (171.)
Hort. Soc. Gard. *H. Le Jeune.*

218. *L. Sássafras* (the Sassafras Tree) p. 1301. (172*a*.)
Kensington Nursery. *Miss M. L.*

219. *L. S.*, full-grown tree - (172.)
Syon House. *G. R. Lewis.*

SANTALA'CEÆ.

220. *Nýssa biflòra* (the Tupelo Tree), full-grown tree p. 1317. (173.)
Thompson's Villa, Richmond. *H. Le Jeune.*

ELÆAGNA'CEÆ.

221. *Elæágnus orientàlis* (the Oleaster) - p. 1321. (175.)
Hort. Soc. Gard. *H. Le Jeune.*

222. *Hippóphae Rhamnöides angustifòlia* (the Sea Buckthorn) - p. 1325. (174*a*.)
Messrs. Loddiges. *C. Rauch.*

URTICA'CEÆ.

223. *Mòrus nìgra* (the common Mulberry) p. 1343. (182.)
Messrs. Loddiges. *H. Le Jeune.*

224. *M.* n., full-grown tree - (182*a*.)
Battersea. *H. W. Jukes.*

225. *M. álba* - p. 1348. (181.)
Hort. Soc. Gard. *H. Le Jeune.*

226. *M.* a., full-grown tree, 4to (181*a*.)
Syon House. *H. Le Jeune.*

227. *M. rùbra* (syn. pennsylvánica) p. 1359. (183.)
Hort. Soc. Gard. *Miss M. L.*

228. *Broussonètia papyrífera* (the Paper Mulberry) - p. 1361. (180.)
Kew Botanic Gardens. *H. L. Jeune.*

229. *Fìcus Cárica* (the common Fig) p. 1365. (178.)
Mile End Nursery. *H. W. Jukes.*

ULMA'CEÆ. (ELMS.)

230. *Ulmus campéstris* (common Elm) p. 1374. (185.)
Hort. Soc. Gard. *Miss M. L.*

231. *U.* c., full-grown tree - (184.)
Kensington Gardens. *J. Martin.*

232. *U.* c. strícta, full-grown tree - p. 1375. (184*a*.)
Muswell Hill. *Miss M. L.*

233. *U.* c. viminàlis - p. 1376. (185*a*.)
Hort. Soc. Gard. *H. W. Jukes.*

234. *U.* planifòlia - p. 1377. (191*b*.)
Hort. Soc. Gard. *H. W. Jukes.*

235. *U.* (c.) suberòsa - p. 1395. (186.)
Hort. Soc. Gard. *H. W. Jukes.*

236. *U.* màjor - - p. 1396. (188.)
Hort. Soc. Gard. *H. Le Jeune.*

237. *U.* m., full-grown tree - (187.)
Studley Park. *H. W. Jukes.*

238. *U.* effùsa - p. 1397. (191.)
Hort. Soc. Gard. *H. W. Jukes.*

239. *U.* e., winter tree - (191*a*.)
Hort. Soc. Gard. *H. W. Jukes.*

240. *U.* montàna màjor, p. 1398. (188*a*.)
Hort. Soc. Gard. *H. W. Jukes.*

241. *U.* m. péndula (syn. rùbra) - p. 1398. (190.)
Hort. Soc. Gard. *C. Rauch.*

242. *U.* m. fastigiàta p. 1399. (187*a*.)
Hort. Soc. Gard. *H. Le Jeune.*

243. *U.* americàna - p. 1406. (189.)
Hort. Soc. Gard. *H. Le Jeune.*

244. *U.* a., incìsa - p. 1406 (189*a*.)
Hort. Soc. Gard. *H. Le Jeune.*

245. Plánera Richárdi p. 1409 (184*a*.)
Hort. Soc. Gard. *H. Le Jeune.*

246. P. R., full-grown tree - (184.)
Syon House. *G. R. Lewis.*

247. *C*éltis Tournefórtii p. 1416. (194.)
Hort. Soc. Gard. *Miss M. L.*

248. *C.* occidentàlis (the Nettle Tree) } p. 1417. (193.)
Hort. Soc. Gard. *Miss M. L.*

249. *C.* o., full-grown tree - (192*a*.)
Syon House. *G. R. Lewis.*

JUGLANDA'CEÆ. (WALNUTS.)

250. *J*ùglans règia (the Walnut) - } p. 1423. (196.)
Hort. Soc. Gard. *Miss M. L.*

251. *J.* r., full-grown tree - (195*a*.)
Chiswick Villa. *W. A. Nesfield.*

252. *J.* r., full-grown winter tree (196*a*.)
Studley Park. *H. W. Jukes.*

253. *J.* nìgra (the Black Walnut) - } p. 1435. (197.)
Hort. Soc. Gard. *C. Rauch.*

254. *J.* n., full-grown tree, 4to - (197*a*.)
Syon House. *G. R. Lewis.*

255. *J.* cinèrea (the Butter Nut) } p. 1439. (198.)
Hort. Soc. Gard. *C. Rauch.*

256. *C*àrya álba (the Hickory Nut), full-grown tree } p. 1446. (200.)
Purser's Cross. *L. Martin.*

257. Pterocàrya caucásica p. 1451 (199.)
Hort. Soc. Gard. *C. Rauch.*

SALICA'CEÆ. (WILLOWS AND POPLARS.)

258. *S*àlix babylónica (the Weeping Willow) - } p. 1507. (207.)
Hort. Soc. Gard. *H. W. Jukes.*

259. *S.* b. crìspa - p. 1514. (208.)
Hort. Soc. Gard. *H. W. Jukes.*

260. *S.* frágilis - p. 1516. (205.)
Hort. Soc. Gard. *H. Le Jeune.*

261. *S.* álba (the White, or Huntingdon, Willow) - } p. 1522. (209.)
Hort. Soc. Gard. *H. Le Jeune.*

262. *S.* a., full-grown tree - (209*a*.)
Turnham Green. *H. W. Jukes.*

263. *S.* vitellìna - p. 1528. (206.)
Hort. Soc. Gard. *H. W. Jukes.*

264. *P*ópulus álba (the Abele Tree) - } p. 1638. (214.)
Hort. Soc. Gard. *Miss J. L.*

265. *P.* canéscens - p. 1639. (215.)
Hort. Soc. Gard. *Miss J. L.*

266. *P.* trémula (the Aspen) - } p. 1645. (217.)
Hort. Soc. Gard. *Miss J. L.*

267. *P.* t. péndula - p. 1646. (218.)
Messrs. Loddiges. *H. Le Jeune.*

268. *P.* græ'ca - p. 1651. (219.)
Hort. Soc. Gard. *Miss J. L.*

269. *P.* nìgra (common Black Poplar) } p. 1652. (229.)
Hort. Soc. Gard. *H. Le Jeune.*

270. *P.* n., winter tree - - (220.)
Hort. Soc. Gard. *H. Le Jeune.*

271. *P.* n., full-grown tree, 4to - (221.)
Lambeth Palace. *Miss M. L.*

272. *P.* monilífera (the Black Italian Poplar) - } p. 1657. (222.)
Hort. Soc. Gard. *Miss J. L.*

273. *P.* m., winter tree - - (222.)
Bayswater. *H. Le Jeune.*

274. *P.* m., full-grown tree, 4to. (222*a*.)
Syon House. *G. R. Lewis.*

275. *P.* fastigiàta (syn. dilatàta) (the Lombardy Poplar) } p. 1660. (221. or 216.)
Hort. Soc. Gard. *Miss J. L.*

276. *P.* angulàta - p. 1670. (224.)
Hort. Soc. Gard. *Miss J. L.*

277. *P.* a., full-grown tree - (224.)
Syon House. *G. R. Lewis.*

278. *P.* balsamífera (the Balsam Poplar) } p. 1673. (225.)
Leyton Nursery. *H. Le Jeune.*

279. *P.* b., full-grown tree - (224.)
Syon House. *H. Le Jeune.*

280. *P.* cándicans (the Ontario Poplar) } p. 1676. (227.)
Hort. Soc. Gard. *Miss J. L.*

BETULA'CEÆ. (BIRCHES AND ALDERS.)

281. *A*'lnus glutinòsa (the common Alder) - } p. 1678. (229.)
Hort. Soc. Gard. *Miss M. L,*

282. *A.* g. laciniàta - p. 1678. (239.)
Hort. Soc. Gard. *H. W. Jukes.*

283. *A.* g. l., full-grown tree, 4to (231.)
Syon House. *W. A. Nesfield.*

284. *A.* cordifòlia - p. 1689. (232.)
Hort. Soc. Gard. *Miss M. L.*

285. *B*étula álba péndula (the Weeping Birch) - } p. 1691. (233.)
Hort. Soc. Gard. *Miss M. L.*

286. *B. p*opulifòlia - p. 1707. (237.)
Hort. Soc. Gard. *Miss M. L.*

287. *B.* papyràcea - p. 1708. (241.)
Hort. Soc. Gard. *Miss M. L.*

288. *B.* nìgra - p. 1710. (234.)
Hackney Arboretum. *H. Le Jeune.*

289. *B.*, winter tree - - (235.)
Fulham Nursery. *L. Martin.*

Coryla'ceæ. (Oaks, Beech, Chestnuts, Hazels, &c.)

290. *Quércus pedunculàta* (the common Oak) } p. 1731. (282.)
Hort. Soc. Gard. *Miss M. L.*

291. *Q.* p., full-grown tree - (281*a.*)
Kensington Gardens. *J. Martin.*

292. *Q.* p., winter tree - - (282*a.*)
Studley Park. *H. W. Jukes.*

293. *Q.* p. fastigiàta - p. 1731. (282*b.*)
Hort. Soc. Gard. *Miss M. L.*

294. *Q.* sessiliflòra - p. 1736. (281.)
Hort. Soc. Gard. *Miss M. L.*

295 *Q.* s., full-grown tree, 4to (280**)
Woburn Abbey. *W. A. Nesfield.*

296. *Q.* s., winter tree - (281*)
Studley Park. *H. W. Jukes.*

297. *Q. E'sculus* (the Italian Oak) - } p. 1844. (261.)
Hort. Soc. Gard. *Miss M. L.*

298. *Q. Cérris* (the Turkey, or Mossy-cupped, oak) } p. 1846. (275.)
Hort. Soc. Gard. *Miss M. L.*

299. *Q. C.*, full-grown tree, 4to (277.)
Syon House. *G. R. Lewis.*

300. *Q. C.*, winter tree, 4to - (276.)
Muswell Hill. *Miss M. L.*

301. *Q. C.* austrìaca - p. 1848. (279.)
Hort. Soc. Gard. *Miss M. L.*

302. *Q. C.* fulhamènsis (syn. dentàta) (Fulham Oak) } p. 1850. (278.)
Hort. Soc. Gard. *Miss M. L.*

303. *Q. C.* f., full-grown tree - (278*a.*)
Fulham Nursery. *L. Martin.*

304. *Q. C.* f., winter tree, 4to - (278*b.*)
Fulham Nursery. *H. Le Jeune.*

305. *Q. C.* Lucombe*àna* (the Lucombe Oak) - } p. 1857. (280.)
Hort. Soc. Gard. *Miss M. L.*

306. *Q. C.* L., winter tree - (280*a.*)
Fulham Nursery. *H. Le Jeune.*

307. *Q. Æ'gilops* (the Valonia Oak) - } p. 1861. (266.)
Hackney Arboretum. *H. Le Jeune.*

308. *Q. Æ.*, full-grown tree - (267.)
Syon House. *G. R. Lewis.*

309. *Q. álba* (the American White Oak) } p. 1864. (252.)
Hackney Arboretum. *H. Le Jeune.*

LIST OF PLATES IN VOL. VII., ALPHABETICALLY ARRANGED.

The Roman numerals refer to the volumes of the text where the species is treated of.

Abele Tree. See *Pópulus álba.*
Alder. See *A'lnus.*
A'lnus cordifòlia III. p. 1689. (232.)
A. glutinòsa (the common Alder) } III. p. 1678. (229.)
A. g. laciniàta - III. p. 1678. (239.)
A. g. l., full-grown tree, 4to - - (231.)
Bétula álba péndula (the Birch) - } III. p. 1691. (233.)
B. nìgra - - III. p. 1710. (234.)
B. n., winter tree - - - (235.)
B. papyràcea - III. p. 1708. (241.)
B. populifòlia - III. p. 1707. (237.)
Birch. See *Bétula.*
Broussonè*tia* papyrífera (the Paper Mulberry) - } III. p. 1361. (180.)
Butter Nut. See *Jùglans cinèrea.*
Càrya álba (Hickory Nut), full-grown tree - - } III. p. 1446. (200.)
Catálpa syringæfòlia III. p. 1261. (169.)
C. s., full-grown tree - - (170.)
Céltis occidentàlis (the Nettle Tree) } III. p. 1417. (193.)
C. o., full-grown tree - - (192*a.*)
C. Tournefòrtii - - III. p. 1416. (194.)
Elæágnus orientàlis (the Oleaster) - } III. p. 1321. (175.)
Elm. See *U'lmus.*
Elm, American. See *U.* americàna.
common, or English. See *U.* campéstris.
Cornish. See *U.* m. fastigiàta.
Dutch, or Cork-barked. See *U.* suberòsa.
Scotch. See *U.* montàna màjor.
Weeping. See *U.* m. péndula.
Fig. See *Ficus.*
Ficus Cárica (the Fig) III. p. 1365. (178.)
Hickory Nut. See *Càrya.*
Hippóphae Rhamnòides angustifòlia (Sea Buckthorn) } III. p. 1325. (174*a.*)

Jùglans cinèrea - - III. p. 1439. (198.)
J. nìgra - - III. p. 1435. (197.)
J. n., full-grown tree, 4to - (197*a*.)
J. règia (the Walnut) III. p. 1423. (196.)
J. r., full-grown tree - - - (195*a*.)
J. r., full-grown winter tree - (196*a*.)
Laúrus nóbilis (the Sweet Bay) - } III. p. 1297. (171.)
L. Sássafras (the Sassafras Tree) } III. p. 1301. (172*a*.)
L. S., full-grown tree - - (172.)
Lote Tree. See *Céltis*.
Mòrus álba - - III. p. 1348. (181.)
M. a., full-grown tree, 4to (181*a*.)
M. nìgra (the Mulberry) - - } III. p. 1343. (182.)
M. n., full-grown tree - - (182*a*.)
M. (pennsylvánica) rùbra - - } III. p. 1359. (183.)
Mulberry. See *Mòrus*.
Nettle Tree. See *Céltis*.
Nýssa biflòra (the TupeloTree), full-grown tree - } III. p. 1317. (173.)
Oak. See *Quércus*.
Oak, American White. See *Q.* álba.
Bitter. See *Q. Cérris*.
British, or common. See *Q.* pedunculàta, and *Q.* sessiliflòra.
Fulham. See *Q. C.* fulhaménsis.
Italian. See *Q. E'sculus*.
Lucombe. See *Q. C.* Lucombe*àna*.
Mossy-cupped. See *Q. Cérris*.
Turkey. See *Q. Cérris*.
Oleaster. See *Elæágnus*.
Paper Mulberry. See Broussonè*tia*.
Plánera Richárdi - III. p. 1409. (184*a*.)
P. R., full-grown tree - - (184.)
Poplar. See *Pópulus*.
Poplar, Aspen. See *P.* trémula.
Balsam. See *P.* balsamífera.
Black. See *P.* nìgra.
Black Italian. See *P.* monilífera.
Lombardy. See *P.* fastigiàta.
Ontario. See *P.* cándicans.
Pópulus álba (the Abele Tree) - } III. p. 1638. (214.)
P. angulàta - - III. p. 1670. (224.)
P. a., full-grown tree - - (224.)
P. balsamífera - III. p. 1673. (225.)
P. b., full-grown tree - - (224.)
P. cándicans - III. p. 1676. (227.)
P. canéscens - III. p. 1639. (215.)
P. (dilatàta) fastigiàta { III. p. 1660. (221. or 216.)
P. græ'ca - - III. p. 1651. (219.)
P. monilífera - III. p. 1657. (222.)
P. m., winter tree - - (222.)
P. m., full-grown tree, 4to - (222*a*.)
P. nìgra - - III. p. 1652. (221.)
P. n. winter tree - - (220.)
P. n., full-grown tree, 4to - (221.)
P. trémula - - III. p. 1645. (217.)
P. t. péndula - III. p. 1646. (218.)
Pterocàrya caucásica III. p. 1451. (199.)
Quércus álba - - III. p. 1864. (252.)
Q. Æ'gilops - - III. p. 1861. (266.)
Q. Æ., full-grown tree - - (267.)
Q. Cérris - - III. p. 1846. (275.)
Q. C., full-grown tree, 4to - - (277.)
Q. C., winter tree, 4to - - (276.)
Q. C. austrìaca - III. p. 1848. (279.)
Q. C. fulhaménsis (dentàta) - - } III. p. 1850. (278.)
Q. C. f., full-grown tree - - (278*a*.)
Q. C. f., winter tree, 4to (278*b*.)
Q. C. Lucombe*àna* III. p. 1857. (280.)
Q. C. L., winter tree - - (280*a*.)
Q. E'sculus - - III. p. 1844. (261.)
Q. pedunculàta - III. p. 1731. (282.)
Q. p., full-grown tree - - (281*a*.)
Q. p., winter tree - - (282*a*.)
Q. p. fastigiàta - III. p. 1731. (282*b*.)
Q. sessiliflòra - III. p. 1736. (281.)
Q. s., full-grown tree, 4to - (280**)
Q. s., winter tree - - - (281*)
Sàlix álba - - III. p. 1522. (209.)
S. a., full-grown tree - - (209*a*.)
S. babylónica (the Weeping Willow) } III. p. 1507. (207.)
S. b. crìspa - - III. p. 1514. (208.)
S. frágilis - - III. p. 1516. (205.)
S. vitellìna - - III. p. 1528. (206.)
Sassafras. See *Laúrus Sássafras*.
Sea Buckthorn. See *Hippóphae*.
Sweet Bay. See *Laúrus nóbilis*.
Tupelo. See *Nýssa*.
U'lmus americàna - III. p. 1406. (189.)
U. a. inclìsa - III. p. 1406. (189*a*.)
U. campéstris (the common Elm) } III. p. 1374. (185.)
U. c., full-grown tree - - (184.)
U. c. stricta, full-grown tree - } III. p. 1375. (184*a*.)
U. c. viminàlis - III. p. 1376. (185*a*.)
U. effùsa - - III. p. 1397. (191.)
U. e., winter tree - - - (191*a*.)
U. màjor - - III. p. 1396. (188.)
U. m., full-grown tree - - (187.)
U. montàna màjor III. p. 1398. (188*a*.)
U. m. péndula (rùbra) III. p. 1398. (190.)
U. m. fastigiàta - III. p. 1399. (187*a*.)
U. planifòlia - III. p. 1377. (191*b*.)
U. (c.) suberòsa - III. p. 1395. (186.)
Walnut. See *Jùglans*.
Willow. See *Sàlix*.
Willow, Weeping. See *S.* babylónica.
Huntingdon, or White. See *S.* álba.

Catálpa Syringi*fòlia*.

The Syringa-leaved Catalpa.

14 ft. high, 2½ in. diam.

Catálpa Syringi*fòlia*.
The Syringa-leaved Catalpa.

Full-grown tree at Syon, 54 ft. high; trunk, 2 ft. in diam.; head, 48 ft. in diam.
[Scale 1 in. to 12 ft.]

Laúrus nóbilis.

The Noble Laurel, *or the Sweet Bay tree.*

12 ft. high, 3 in. diam.

m

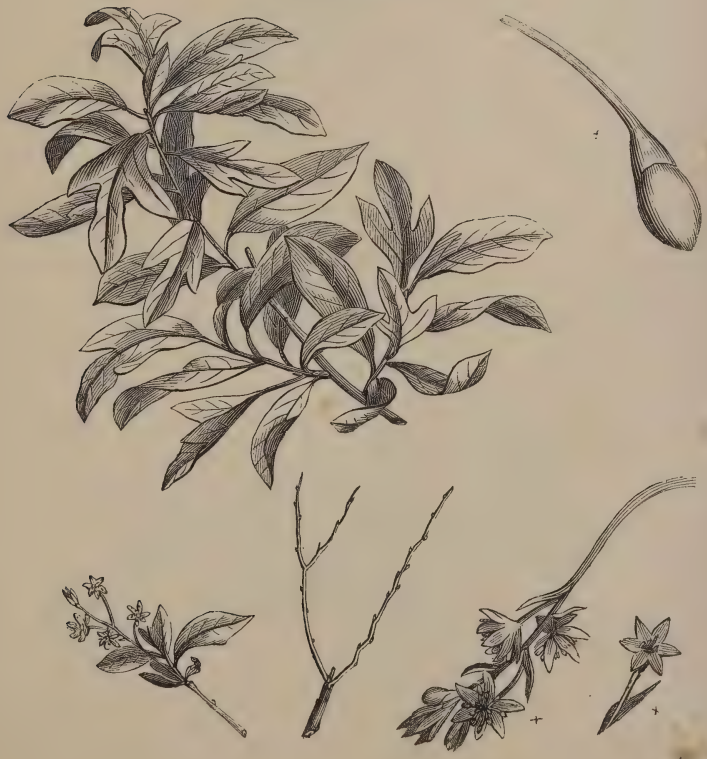
f

s

Laúrus Sássafras.

The Sassafras tree.

10 ft. high, 1½ in. diam.



Laúrus Sássafras.

The Sassafras tree.

Full-grown tree at Syon, 46 ft. high; diam. of the trunk, 3 ft.; and of the head, 34 ft.
[Scale 1 in. to 12 ft.]

Nýssa biflòra.

The two-flowered Nyssa, *or Tupelo tree.*

Full-grown tree at Thompson's Villa, Richmond, 34 ft. high.
[Scale 1 in. to 12 ft.]

Elæágnus orientàlis.

The Eastern Oleaster.

18 ft. high, 8 in. diam.

Hippóphae rhamnòìdes angustifòlia.

The narrow-leaved Rhamnus-like Sea Buckthorn.

Mòrus nìgra.

The black-*fruited, or common,* Mulberry tree.

11 ft. high, 3 in. diam.

Remarkable tree at Battersea, upwards of 300 years old; 126 ft. high, with above 15 stems, and covering a space 74 ft. by 60 ft.
[Scale 1 in. to 12 ft.]

Mòrus álba.

The white-*fruited* Mulberry.

15 ft. high, 5½ in. diam.

Mòrus álba.

The White Mulberry.

Full-grown tree at Syon, 48 ft. high, with a head 72 ft. in diameter.
[Scale 1 in. to 12 ft.]

Mòrus pennsylvánica.

The Pennsylvanian Mulberry tree.

13 ft. high, 3 in. diam.

Broussonètia papyrífera.

The paper-bearing Broussonetia.

21 ft. high, 6 in. diam.

Fìcus Cárica.

The *common* Fig-tree.

10 ft. high, 2½ in. diam.

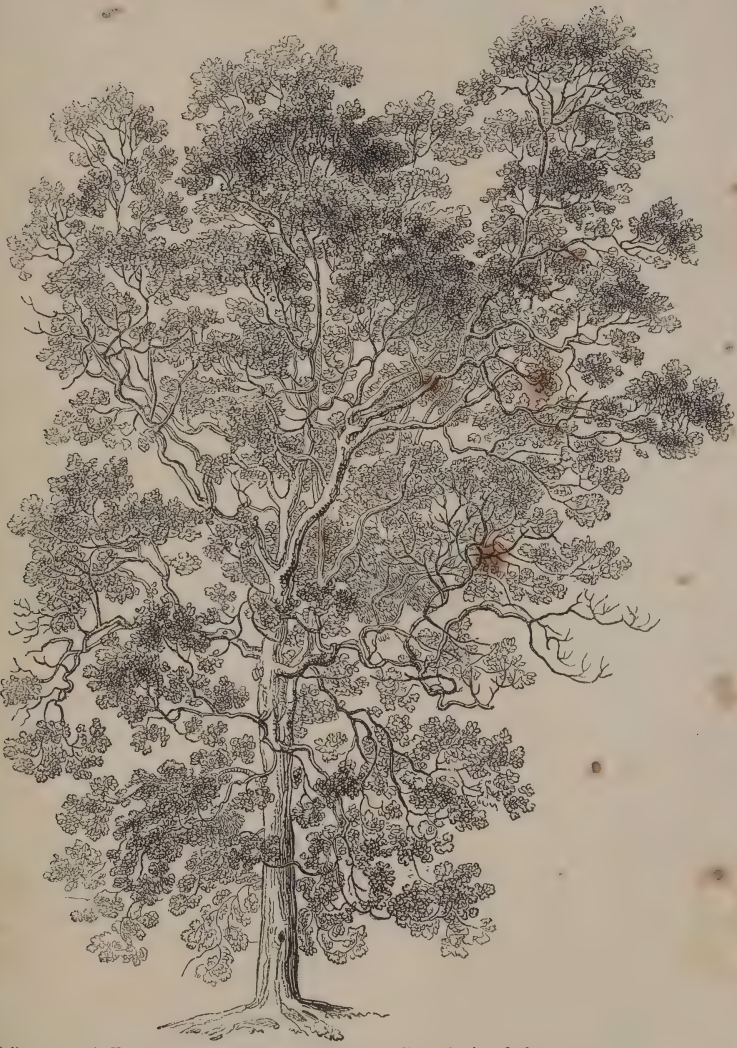
Ulmus campéstris.

The *common English, or* Field, Elm.

Printed from Zinc by Day & Haghe

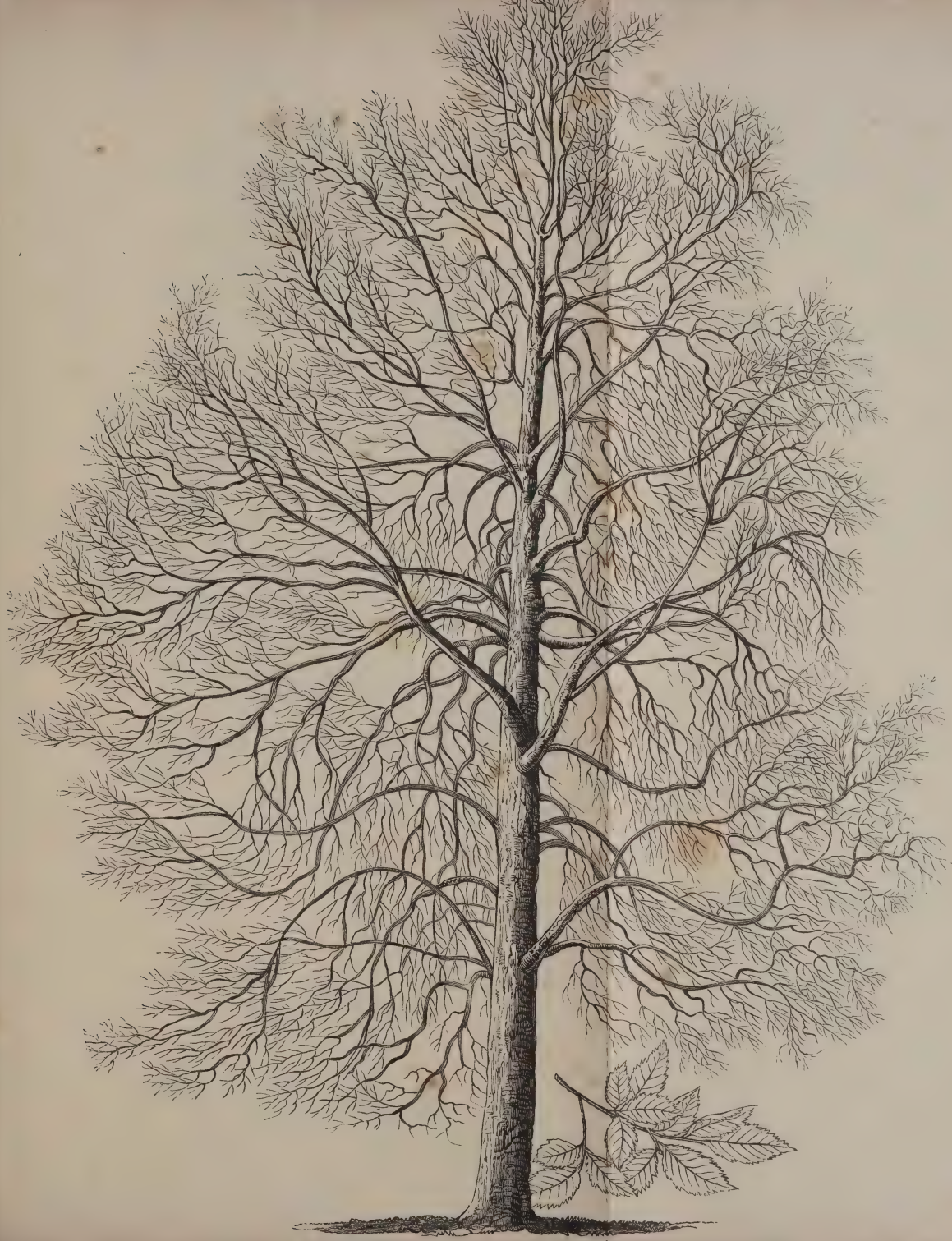
Ulmus campéstris.

The field, *or Common English*, Elm.



Full grown tree in Kensington Gardens, 65 ft. high; trunk, 3 ft. diam.; head, 48 ft. diam.
[Scale 1 in. to 12 ft.]

Úlmus campéstris stricta. The upright, *or Cornish*, Elm.

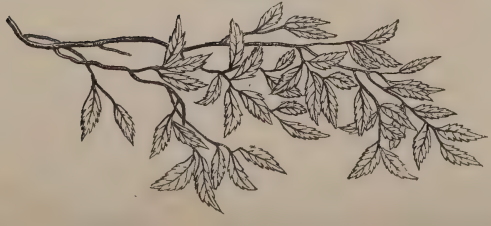


Full-grown tree at Muswell Hill, 100 ft. high; diam. of the trunk, 5 ft.; and of the head, 75 ft.—[Scale 1 in. to 12 ft.]

Úlmus campéstris viminàlis.

The twiggy field, *or English*, Elm.

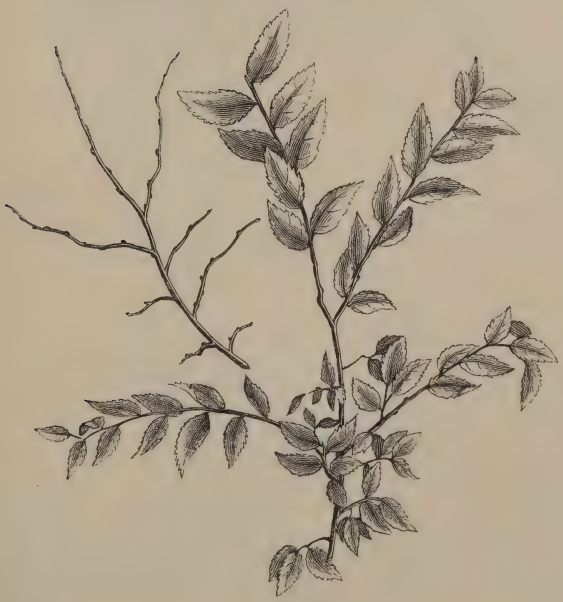
25 ft. high, 5 in. diam.



Úlmus planifòlia.

The flat-leaved Elm.

12 ft. high, 2½ in. diam.



Úlmus campéstris suberòsa.

The cork-*barked* field Elm.

18 ft. high, 5 in. diam.

*U*lmus májor.
The larger-*leaved* Elm.

Printed from Zinc by Day & Haghe.

Úlmus (campéstris) màjor.

The greater, *or Dutch cork-barked,* Elm.

Full-grown tree at Studley, 94 ft. 10 in. high, diam. of the trunk, 5 ft. 6 in.
[Scale 1 in. to 24 ft.]

Úlmus effùsa.

The spreading-*flowered* Elm.

18 ft. high; 3 in. diam.

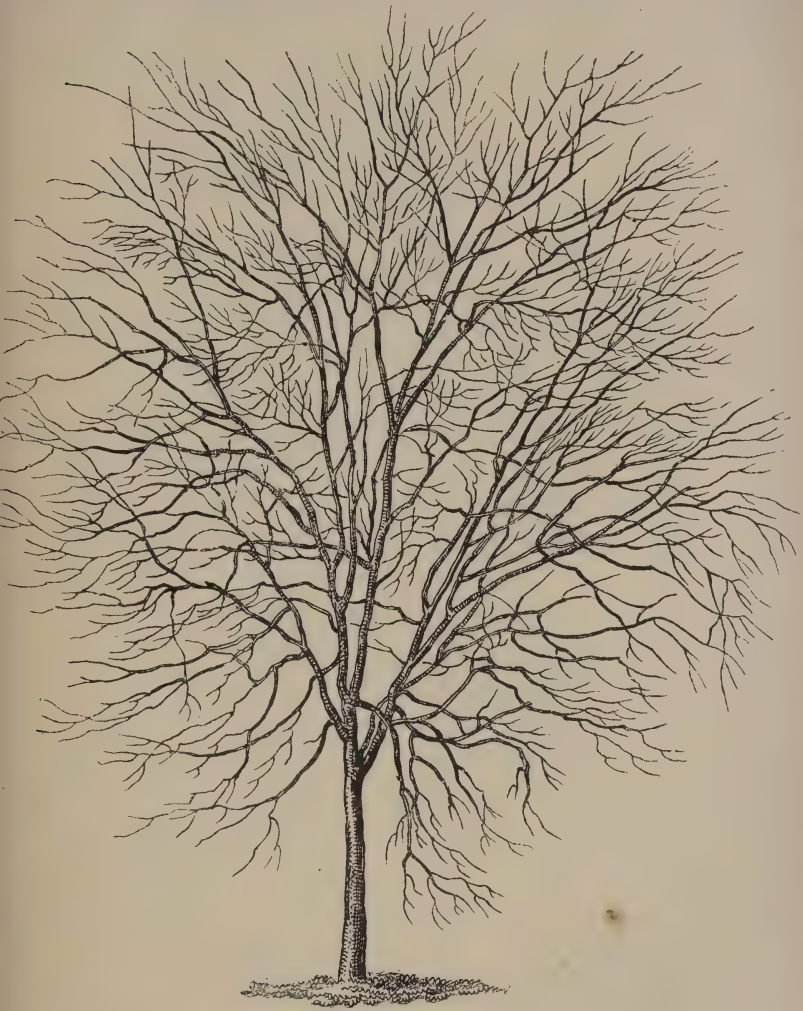
Úlmus effùsa.

The spreading *branched* Elm.

22 ft. high; 4 in. diam.

Úlmus montàna màjor.

The larger Mountain, *Scotch, or Wych,* Elm.



20 ft. high, 2½ in. diam.

Ulmus rùbra péndula.

The pendulous-*branched* red-*flowered* Elm.

Printed from Zinc by Day & Haghe.

Úlmus montàna fastigiàta.

The fastigiate mountain, *or Scotch*, Elm.

18 ft. high, 5 in. diam.

Úlmus americàna.

The American Elm.

20 ft. high, 5 in. diam.

Úlmus americàna incìsa.

The cut-*leaved* American Elm.

27 ft. high, 8 in. diam.

Plánera Richárdi.

Richard's Planera, *or the Zelkoua tree.*

Planéra Richárdi.

Richard's Planera, *or the Zelkoua tree.*

Full-grown tree at Syon, 54 ft. high.

Céltis Tournefórtii.

Tournefort's Celtis, *or Nettle tree.*

10 ft. high, 2 in. diam.

Céltis occidentàlis.

The Western, *or American*, Nettle Tree.

15 ft. high, 2½ in. diam.

Céltis occidentàlis.

The Western, *or American* Nettle tree.

Full-grown tree at Syon, 58 ft. high; diam. of the trunk, 3 ft.; and of the head, 40 ft.
[Scale 1 in. to 12 ft.]

Jùglans règia.

The *common, or* royal Walnut Tree.

Jùglans règia.

The Royal, *or common*, Walnut Tree.

Full grown tree at Chiswick, 54 ft. high; diam. of the trunk, 4½ ft. and of the head, 60 ft.
[Scale 1 in. to 12 ft]

Jùglans règia.

The *common, or* Royal, Walnut.

Full-grown winter tree at Studley, 82 ft. high; diam. of the head, 96 ft.
[Scale 1 in. to 24 ft.]

Jùglans nìgra.

The black Walnut tree.

15 ft. high, 6 in. diam.

Jùglans nìgra.

The black Walnut.

Full-grown tree at Syon, 79 ft high; diam. of the head, 59 ft.
[Scale 1 in. to 12 ft.]

Jùglans cinèrea.

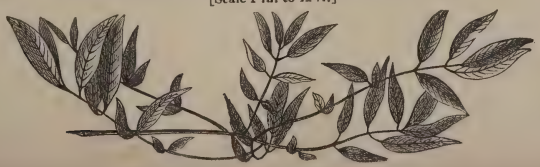
The grey-*barked* Walnut, *or Butter nut.*

15 ft. high, 6 in. diam.

Càrya alba.

The white Carya, *or shell bark Hickory Nut.*

Full-grown tree at Purser's Cross, 80 ft. high; diam. of the trunk, 2½ ft.; and of the head, 45 ft. [Scale 1 in. to 12 ft.]



Pterocàrya caucásica.

The Caucasian Pterocarya

12 ft. high; the stems 2 in. diam.

Sàlix babylónica.

The Babylonian, *or Weeping*, Willow.

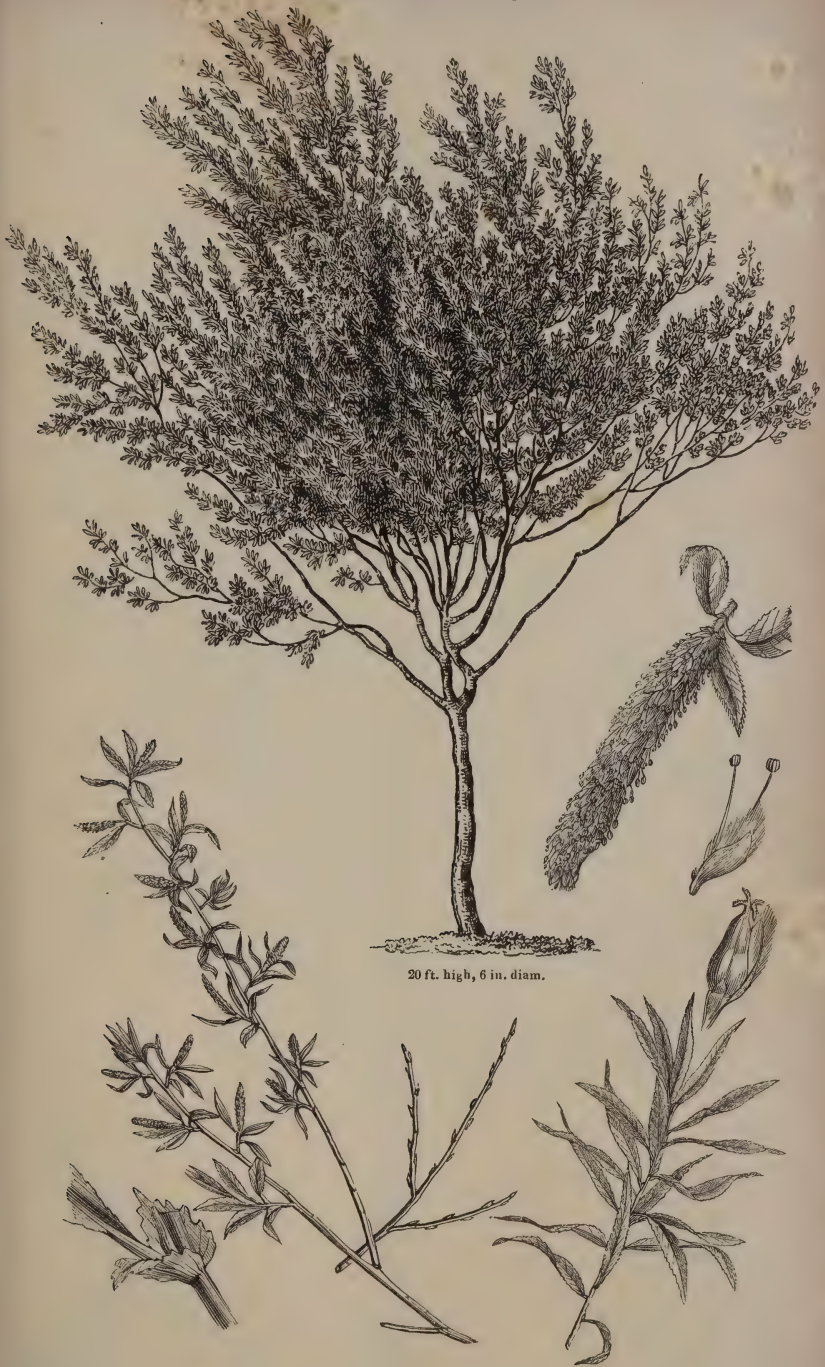
Sălix babylónica crispa.

The curled-*leaved* Babylonian, *or Weeping*, Willow.

18 ft. high; diam. 5 in.

Sàlix *frágilis.*

The fragile-*twigged* Willow.



20 ft. high, 6 in. diam.

Sàlix álba.

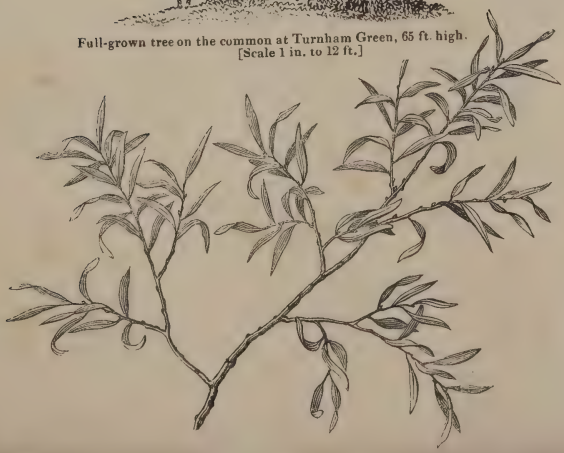
The white-*leaved* Willow.

30 ft. high, 1 ft. diam.

Sàlix álba.

The White, *or Huntingdon*, Willow.

Full-grown tree on the common at Turnham Green, 65 ft. high.
[Scale 1 in. to 12 ft.]



Sàlix vitellìna.

The *yellow*, or yolk of egg, *barked* Willow.

30 ft. high, 11 in. diam.

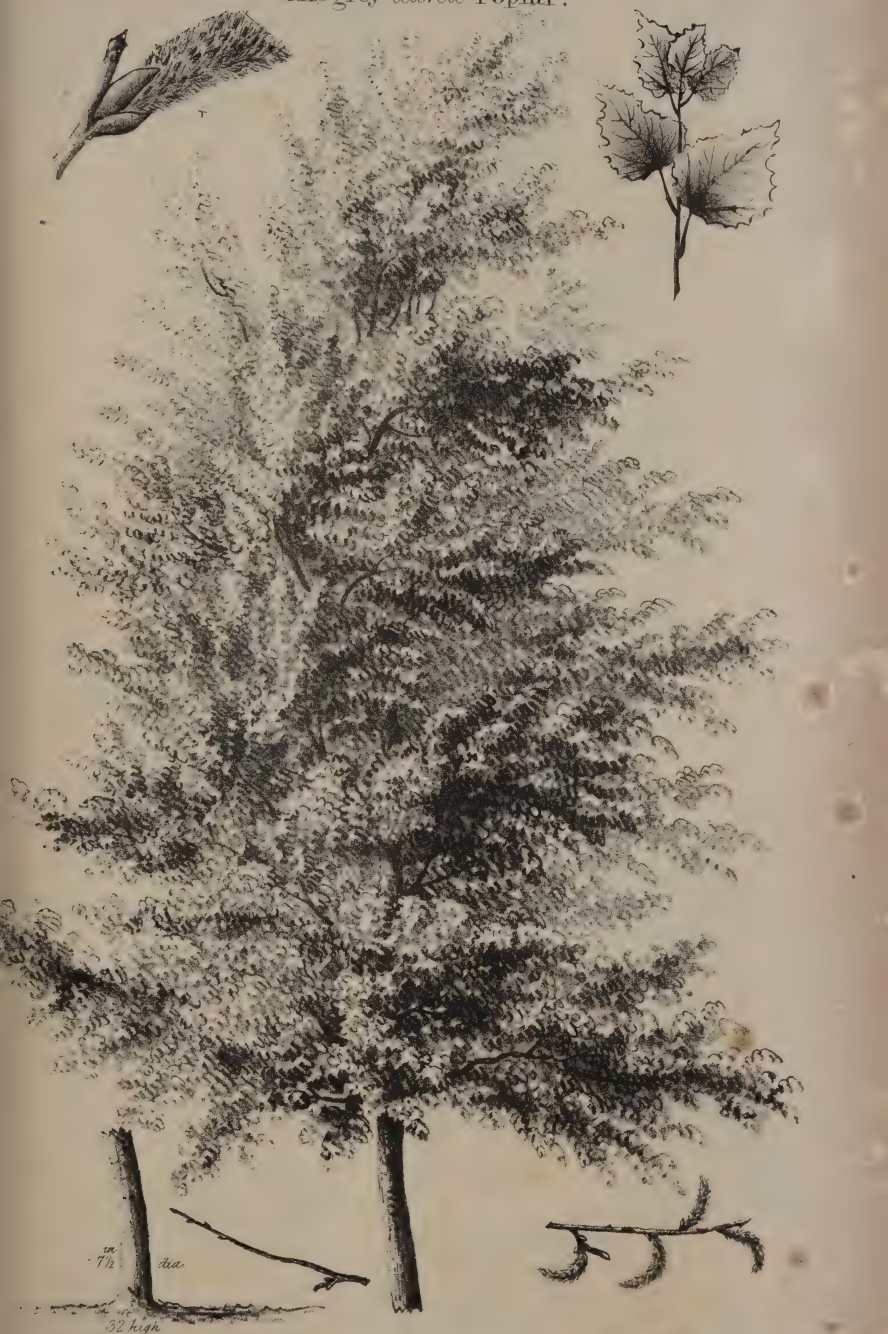
Pópulus álba.

The white-leaved Poplar, or Abele tree.

LXIII. B.

Populus canéscens.

The grey-*leaved* Poplar.



Printed from Zinc by Day & Hagne.

Pópulus trémula.

The *British* trembling-*leaved* Poplar.

Printed from Zinc by Day & Haghe

Pópulus trémula péndula.

The pendulous-*branched* trembling-*leaved* Poplar.

14 ft. high, 2 in. diam.

Populus græca.

The Greek, *or Athenian* Poplar.

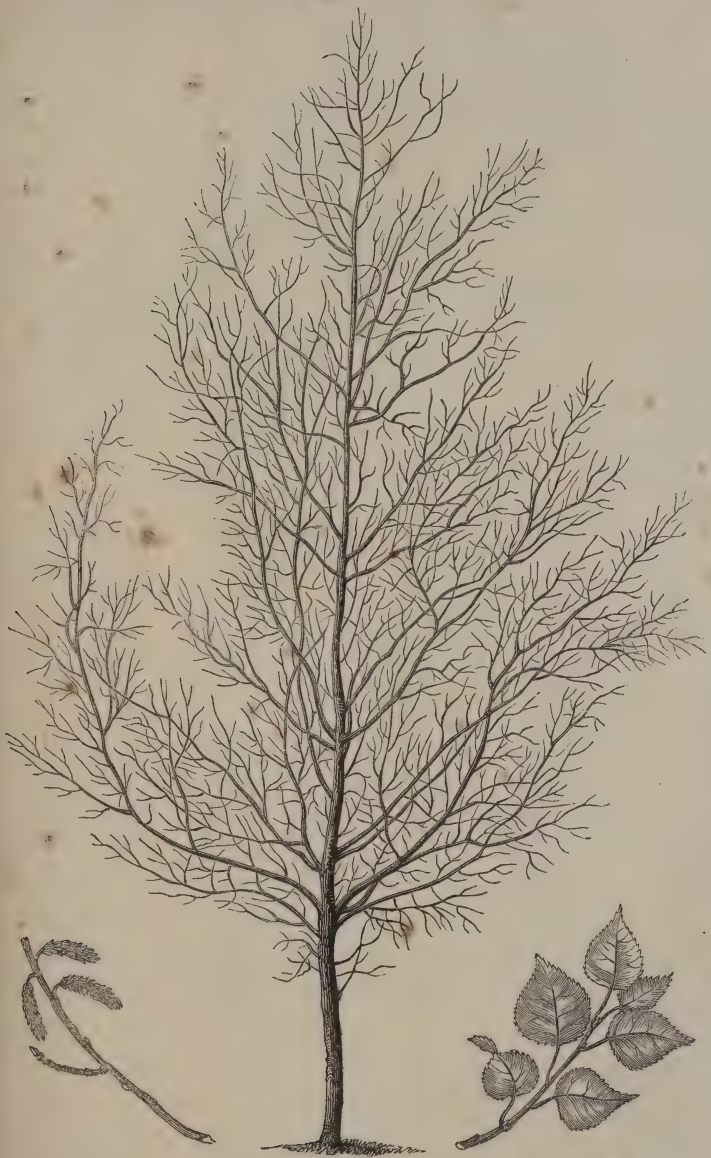
Printed from Zinc by Day & Haghe.

Pópulus nìgra.
The black Poplar.

25 ft. high, 6 in. diam.

Pópulus nìgra.

The black Poplar.



24 ft. high, 6 in. diam.

mag.

Pópulus nìgra.

The black Poplar.

Full-grown tree at Fulham Palace, 84 ft. high; diam. of the trunk, 5 ft.; and of the head, 72 ft.—[Scale 1 in. to 12 ft.]

Pópulus monilífera.

The necklace-*like-catkin* bearing, *or Black Italian,* Poplar.

Printed from Zinc by Day & Haghe

Pópulus monilífera.

The necklace-bearing, *or Black Italian*, Poplar.

Pópulus monilífera.

The necklace-bearing, *Canadian, or Black Italian,* Poplar.

Full-grown tree at Syon, 102 ft. high: diam. of the trunk, 4½ ft., and of the head, 96 ft.
[Scale 1 in. to 12 ft.]

Pópulus dilatàta.

The widened-*leaved, or Lombardy,* Poplar.

Pópulus angulàta.
The angular *branched, or Carolina,* Poplar.

Pópulus angulàta.

The angular *branched* Poplar.

Full-grown tree at Syon, 83 ft. high.
[Scale 1 in to 12 ft.]

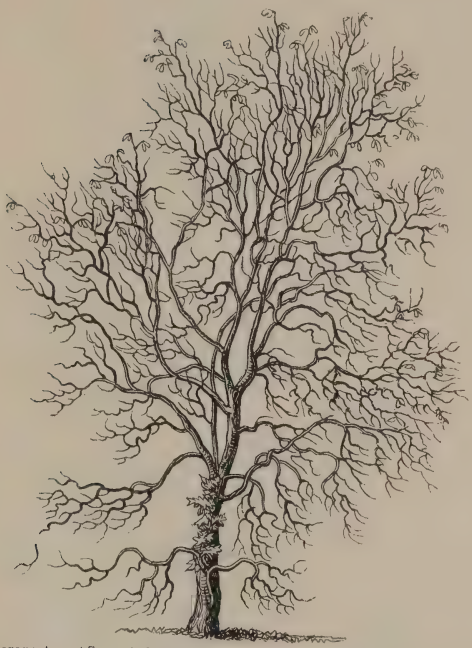
Pópulus balsamífera.

The Balsam-bearing Poplar.

27 ft. high, 6 in. diam.

Pópulus balsamífera.

The balsam-bearing Poplar.



Full-grown tree at Syon, 40 ft. high; diam. of the trunk, 3 ft.; and of the head 30 ft.
[Scale 1 in. to 12 ft.]

LXIII. 0.

Pópulus cándicans.

The whitish *heart-shaped-leaved* Poplar.

LXIV A.

Alnus glutinosa.

The *common, or* glutinous *-leaved* Alder

Printed from Zinc by Day & Haghe

Alnus glutinòsa laciniàta.

The cut-*leaved* glutinous-*leaved*, *or common*, Alder.

Printed from Zinc by Dey & Hughes

Alnus glutinòsa laciniàta.

The cut-*leaved* Alder.

Full-grown tree at Syon, 63 ft. high.
[Scale 1 in. *to* 12 ft.]

Alnus cordifolia.
The heart-*shaped*-leaved Alder.

Bétula álba péndula.

The pendulous White Birch.

28 ft. high; 6 in. diam.

Bétula populifòlia.
The Poplar-leaved Birch.

LXV. 1.

Bétula papyràcea.

The papery-*barked* Birch.

Printed from Zinc by Day & Haghe.

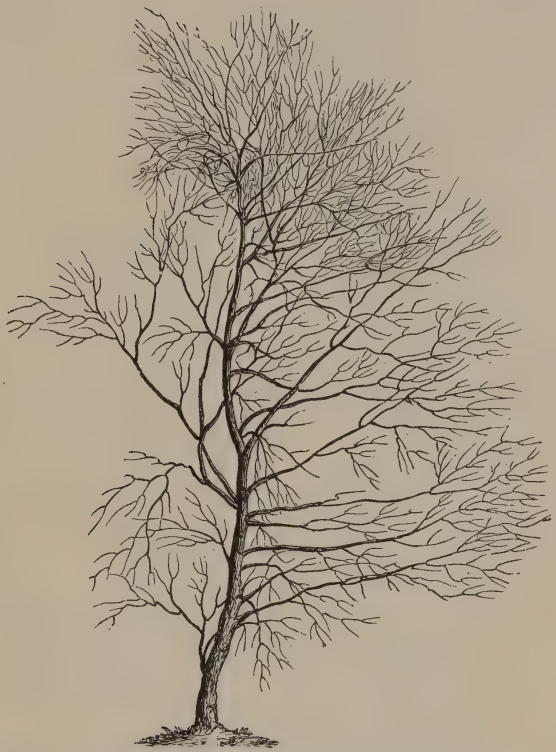
Bétula nìgra.

The black Birch.

26 ft. high; diam. of the stems, from 2 in. to 3 in.

Bétula nìgra.

The black Birch.



Full-grown tree at Syon, 50 ft. high; diam. of the trunk, 2 ft., and of the head, 36 ft.
[Scale 1 in. to 12 ft.]

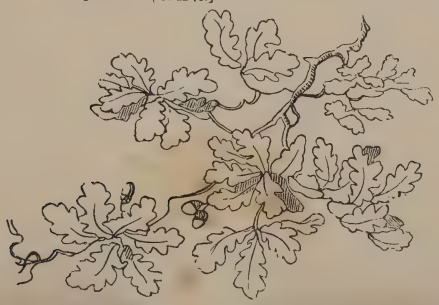
Quérecus pedunculàta.
The stalked-*fruited British* Oak.

19 ft. high, 7 in. diam.

Quércus pedunculata.

The *common*, or stalk-fruited Oak.

Full grown tree in Kensington Gardens, 67 ft. high; trunk, 6 ft. diam.; head, 47 ft. diam.
[Scale 1 in. to 12 ft.]



Quércus pedunculàta.

The pedunculate-*fruited British* Oak.

Full-grown tree at Studley, 80 ft. high; diam. of the trunk, 8 ft. 2 in.; and of the head, 91 ft.
[Scale 1 in. to 30 ft.]

Quércus pedunculàta fastigiàta.

The upright-*growing* pedunculated Oak.

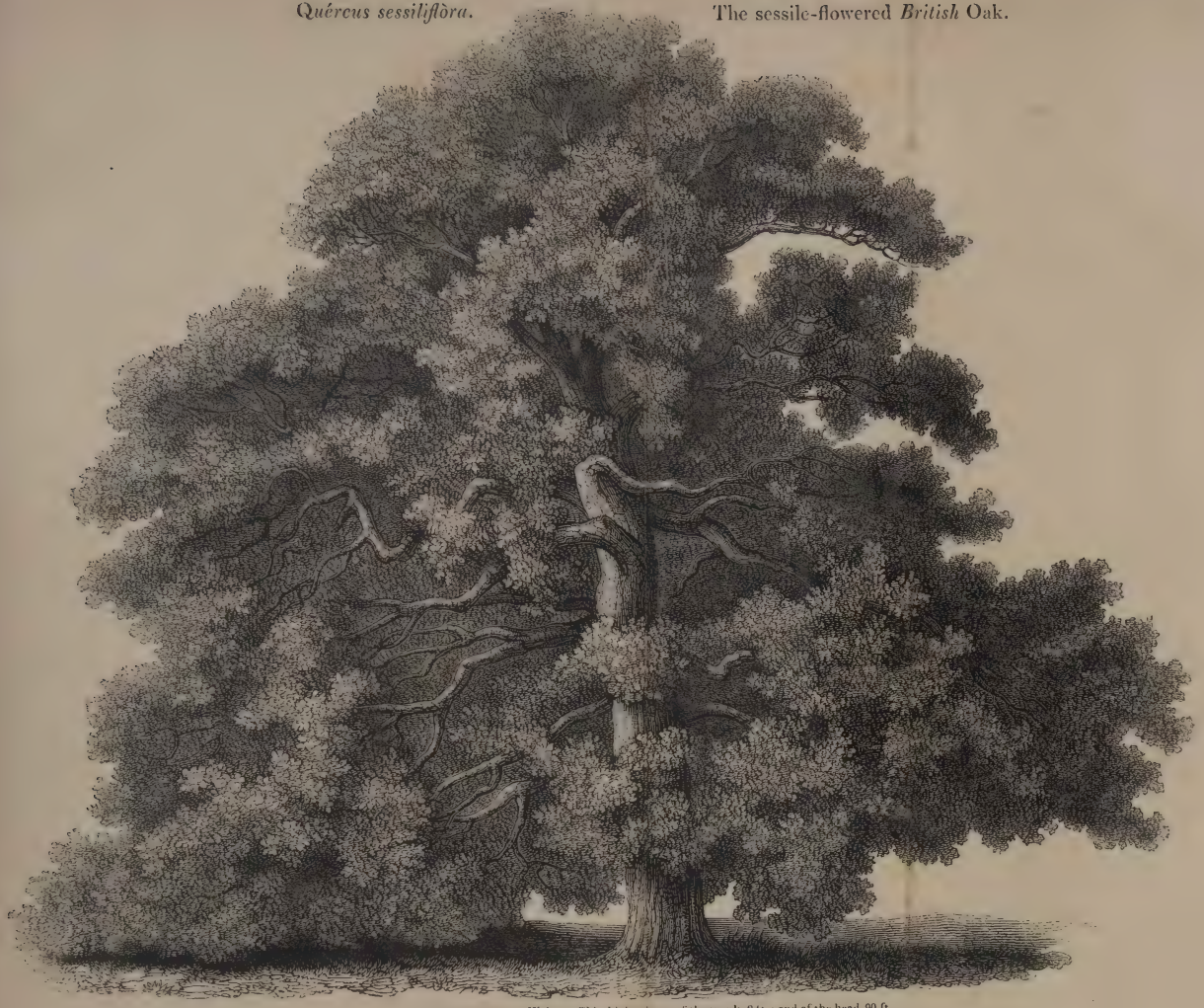
14 ft. high, 1½ in. diam.

Quércus sessiliflòra.

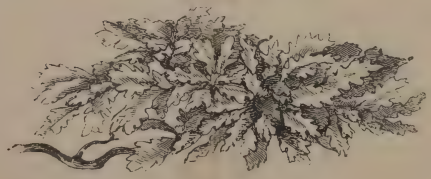
The sessile-flowered *British* Oak.

18½ ft high, 7½ in. diam.

Quércus sessiliflòra. The sessile-flowered *British* Oak.



Full-grown tree at Woburn, 72 ft. high; diam. of the trunk, 8 ft.; and of the head, 90 ft.
[Scale 1 in. to 12 ft.]



Quércus sessiliflòra.

The sessile-flowered *British* Oak.

Full-grown tree at Studley Park, 118 ft. high; diam. of the trunk, 11 ft. 6 in.; and of the head, 9[illegible] ft.
[Scale 1 in. to 30 ft.]

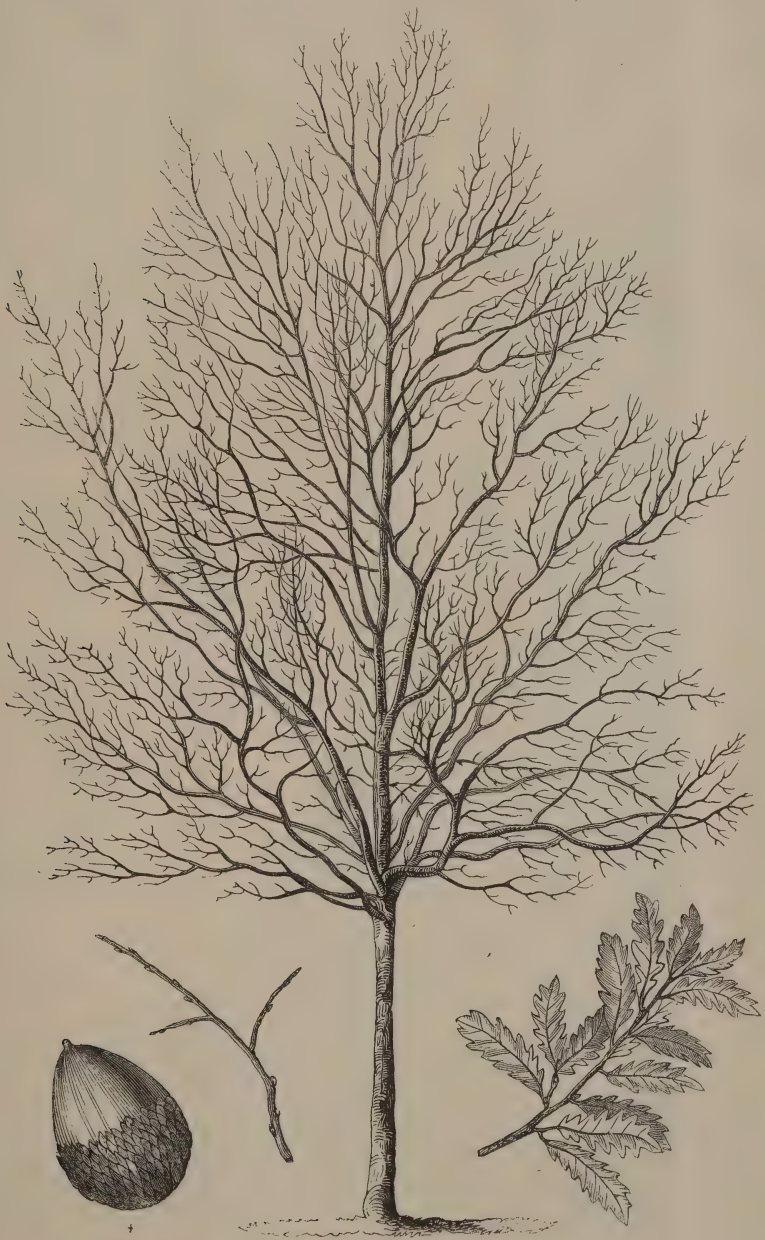
Quércus Ésculus.

The Esculus, *or Italian* Oak.

24 ft. high, 1 ft. diam.

Quércus Cérris.

The bitter, *or Turkey*, Oak.



26 ft. high, 9 in. diam.

Quércus Cérris.

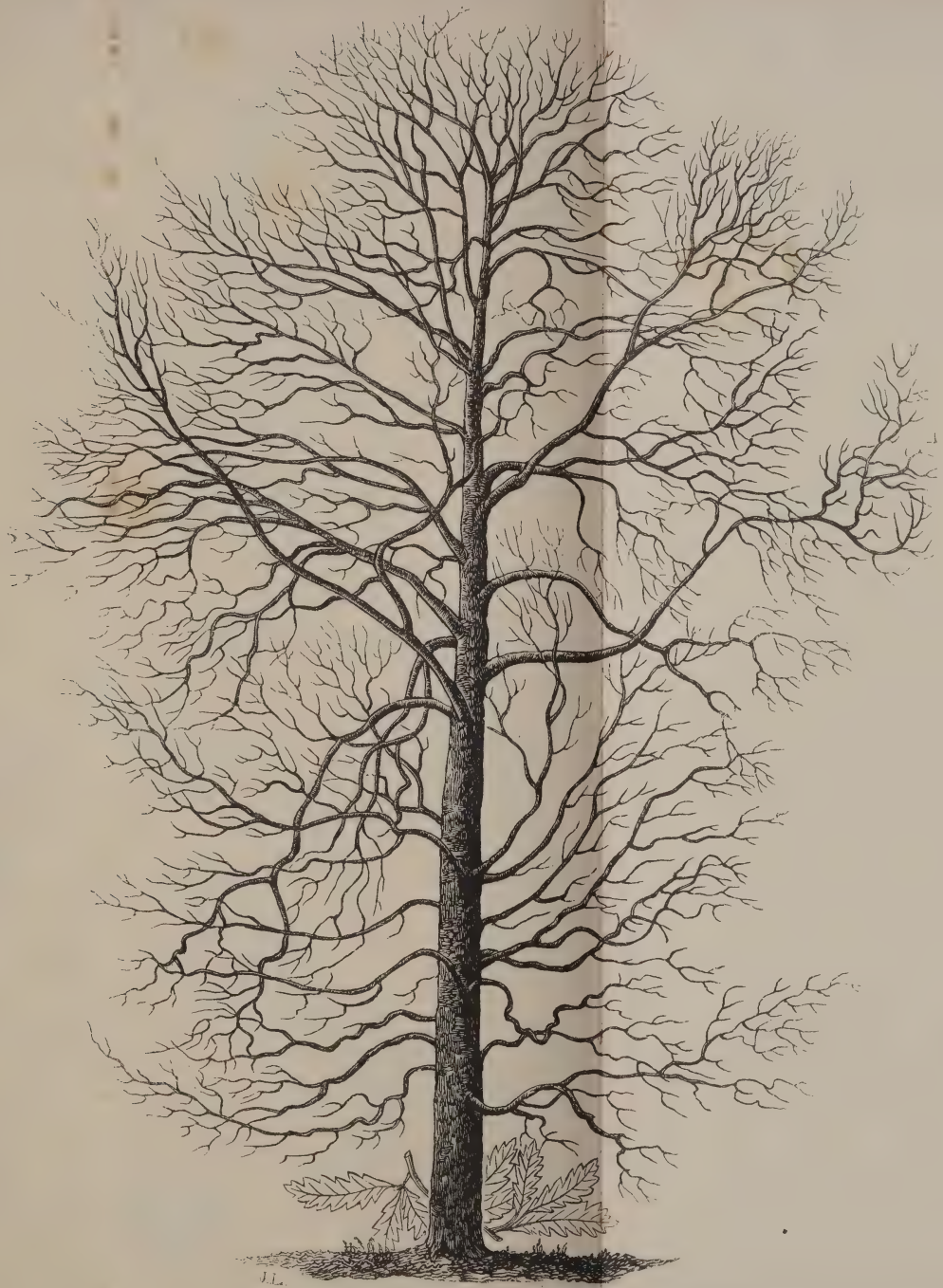
The bitter, or *Turkey*, Oak.

Full-grown tree at Syon, 70 ft. high; diam. of the trunk, 2 ft. 8 in., and of the head, 73 ft.

[Scale 1 in. to 12 ft.]

Quércus Cérris.

The Turkey Oak.



Full-grown tree at Muswell Hill, 80 ft. high; diam. of the trunk, 4½ ft.; and of the head, 65 ft.

[Scale 1 in. to 12 ft.]

Quércus Cérris austrìaca.
The Austrian Cerris Oak.

Quércus Cérris dentàta.

The tooth-*leaved* Turkey Oak, *or the Fulham* Oak.

16½ ft. high, 4 in. diam.

Quércus Cérris fulhaménsis.

The Fulham Turkey Oak.

The original tree in the Fulham Nursery, 75 ft. high; diam. of the trunk, 3 ft. 10 in.; and of the head, 54 ft.
[Scale 1 in. to 12 ft.]

Quércus Cérris fulhaménsis.

The Fulham Turkey Oak.

The original tree in the Fulham Nursery, 75 ft. high; diam. of the trunk, 5 ft. 10 in.; and of the head, 54 ft
[Scale 1 in. to 12 ft.]

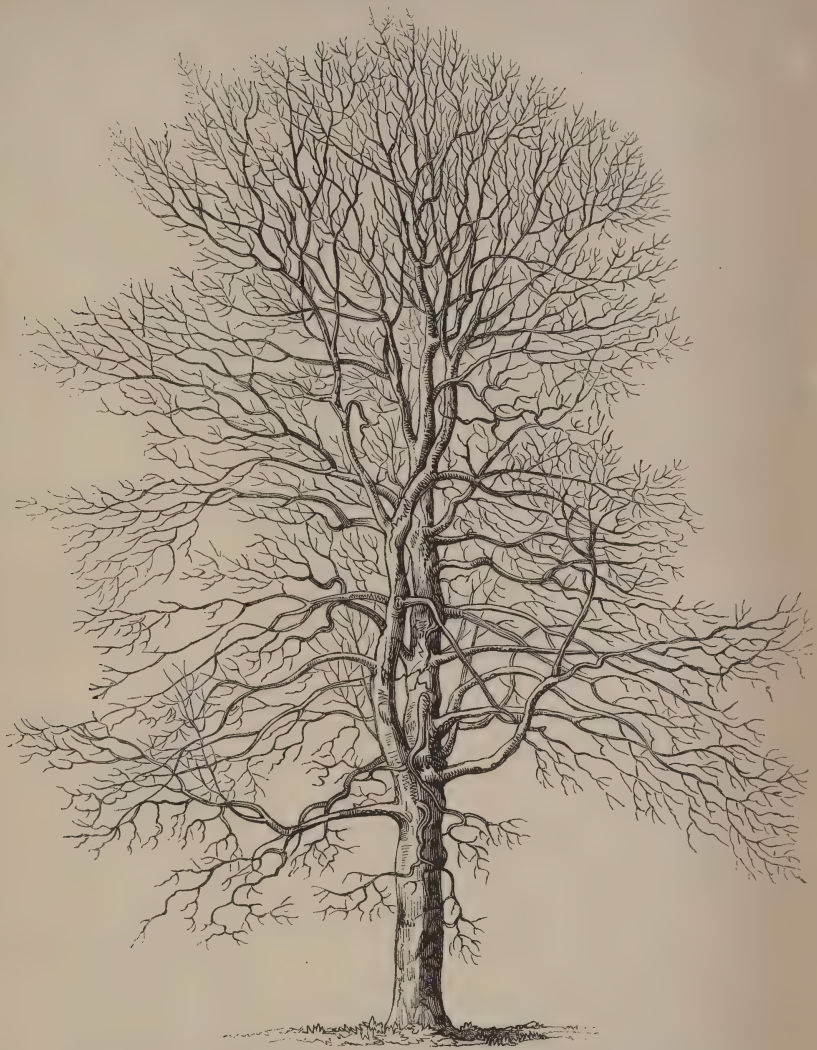
Quércus Cérris Lucombeàna.

Lucombe's Turkey Oak.

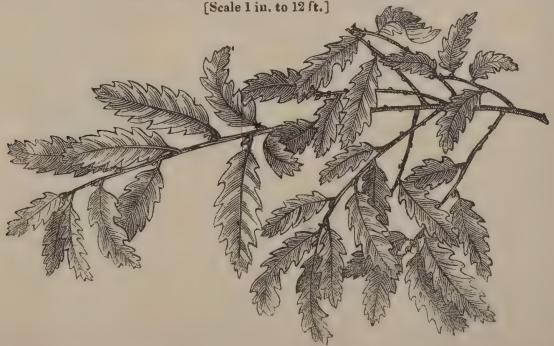
16 ft. high, 6 in. diam.

Quércus Cérris Lucombeàna.

Lucombe's Turkey Oak.

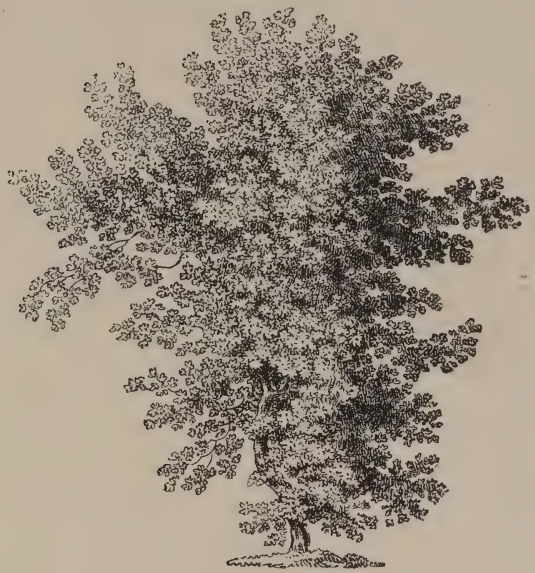


Full-grown tree in the Fulham Nursery, 63 ft. high; diam. of the trunk, 4½ ft.; and of the head, 50 ft.
[Scale 1 in. to 12 ft.]

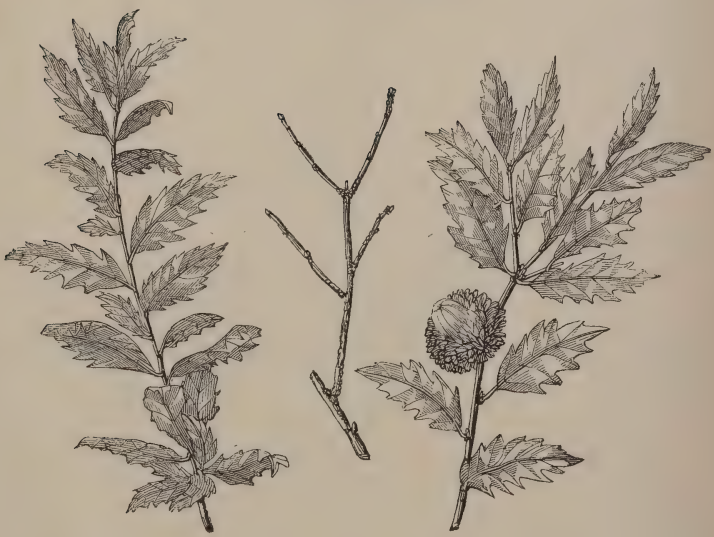


Quércus Ægilops.

The Ægilops, *or Velonia,* Oak.



12 ft. high, 3 in. diam.



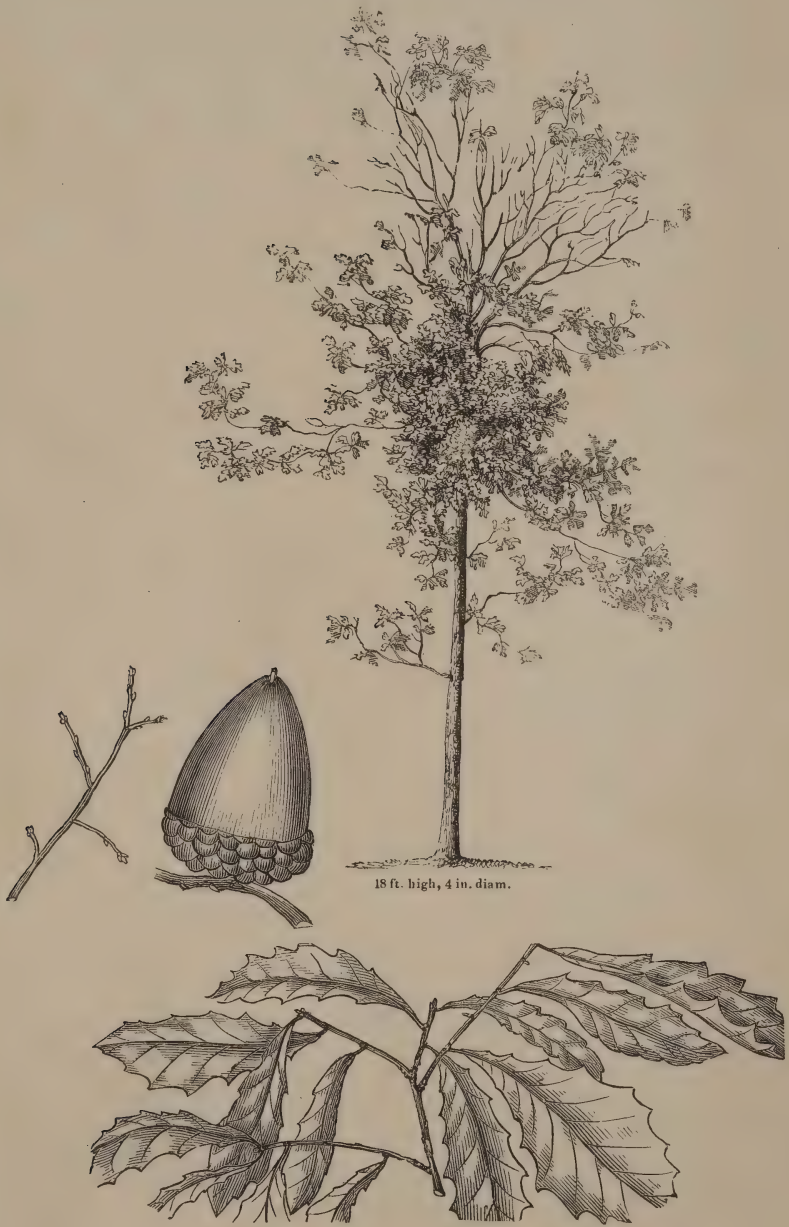
Quércus Ægilops.

The Ægilops, *or Velonia* Oak.

Full-grown tree at Syon, 24 ft. high; diam. of the trunk, 18 in.; and of the head, 30 ft.
[Scale 1 in. to 12 ft.]

Quércus álba.

The White *American* Oak.



18 ft. high, 4 in. diam.